

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--|------------------|---------|---------------------|
| S1 | 1 | "20070108990" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:22 |
| S2 | 1 | S1 and arc | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:28 |
| S3 | 1604 | (702/59-62).CCLS. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/10/29 16:28 |
| S4 | 919 | (702/121-123).CCLS. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/10/29 16:28 |
| S5 | 143985 | (power energy arc\$3) with monitor\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:40 |
| S6 | 14802 | arc adj discharg\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:46 |
| S7 | 629 | S5 and S6 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:46 |
| S8 | 137 | S5 and S6 and ((imag\$3 with process\$3) (camera \$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:46 |
| S9 | 0 | S5 and S6 and ((imag\$3 with process\$3) (camera \$3)) and (S3 S4) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:46 |
| S10 | 51766 | ("702").CLAS. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/10/29 16:47 |
| S11 | 3 | S8 and S10 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 16:47 |
| S12 | 14 | "1198628" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/10/29 17:11 |
| S13 | 2 | ("1198628").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/10/29 17:12 |
| S14 | 0 | (arc near discharg\$3) same (electricity with facility) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:14 |
| S15 | 2 | (arc near discharg\$3) and (electricity with facility) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:14 |

| | | | | | | |
|-----|------|---|-----------------------------------|----|-----|---------------------|
| S16 | 13 | ("3007084" "4019851" "4089628" "4147116"). PN. OR ("4228747"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:15 |
| S17 | 2 | ("5772327" "6294760"). PN. OR ("7343258"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:16 |
| S18 | 20 | (arc\$3 with discharg\$3) same monitor\$3 with camera\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:17 |
| S19 | 23 | (arc\$3 with (fault\$1 failur \$3 fail\$3 discharg\$3)) same monitor\$3 with camera\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:18 |
| S20 | 3 | ("20030074148").PN. OR ("7307820").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:22 |
| S21 | 1 | ("20030074148").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/10/29 17:22 |
| S22 | 0 | S19 and S21 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:22 |
| S23 | 1 | S19 and S20 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:22 |
| S24 | 0 | S21 and (arc\$3) and (imag\$3 camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:23 |
| S25 | 45 | (arc\$3 with (fault\$1 failur \$3 fail\$3 discharg\$3)) with camera\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:25 |
| S26 | 1625 | (arc\$3 with (fault\$1 failur \$3 fail\$3 discharg\$3)) and (electric\$3 with (Plant \$1 facilit\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:26 |
| S27 | 35 | (arc\$3 with (fault\$1 failur \$3 fail\$3 discharg\$3)) and (electric\$3 with (Plant \$1 facilit\$3)) and (camera \$1) and (imag\$3 with process\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:26 |
| S28 | 36 | (arc\$3 with locat\$3) and (electric\$3 with (facility facilities)) and (camera \$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:31 |
| S29 | 1 | (09/751970).APP. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/10/29 17:32 |
| S30 | 0 | S28 and S29 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:33 |

| | | | | | | |
|-----|----|--|------------------------|----|----|------------------|
| S31 | 36 | (arc\$3 with locat\$3) and (electric\$3 with (facility facilities)) and (camera\$1 web\$1 cam\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:49 |
| S32 | 46 | (arc\$3 with locat\$3) and (electric\$3 with (facility facilities)) and (camera\$1 web\$1 cam\$3 video) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:49 |
| S33 | 36 | (arc\$3 with locat\$3) and (electric\$3 with (facility facilities)) and (camera\$1 web\$1 cam\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:50 |
| S34 | 1 | (arc\$3 with discharg\$3 with locat\$3) and (electric \$3 with (facility facilities)) \and (camera\$1 web \$1 cam\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:51 |
| S35 | 1 | (arc\$3 with discharg\$3 with locat\$3) and (electric \$3 with (facility facilities)) and (camera\$1 web \$1 cam\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:51 |
| S36 | 15 | (arc\$3 with discharg\$3 with locat\$3) and (electric \$3 with (facility facilities)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:51 |
| S37 | 1 | (arc with monitor\$3) and (electricity adj (plant\$1 facilit\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:52 |
| S38 | 1 | (arc with camera\$1) and (electricity adj (plant\$1 facilit\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:52 |
| S39 | 3 | (arc with camera\$1) and (electricity with (plant\$1 facilit\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:52 |
| S40 | 0 | ((discharg\$3 near arc\$1) (eplos\$3)) and (electricity adj facility) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:53 |
| S41 | 0 | ((discharg\$3 with arc\$1) (eplos\$3)) and (electricity adj facility) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:53 |
| S42 | 11 | ((discharg\$3 with arc\$1) (eplos\$3)) and (electricity with facility) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:53 |

| | | | | | | |
|-----|-------|---|---------------------------|----|----|---------------------|
| S43 | 14 | ("20020045993" "20020105435" "20050104575" "5103364" "5462225" "5576700" "5696695" "5825664" "5880677" "6222147" "6259996" "6473281" "6965319"). PN. OR ("7130722"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:54 |
| S44 | 1221 | ((electric\$3 power energy) with (plant\$1 facilit\$3)) same camera \$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:56 |
| S45 | 1 | ((electric\$3 power energy) with (plant\$1 facilit\$3)) same camera \$1) and (arc\$1 with fault \$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:56 |
| S46 | 125 | ((electric\$3 power energy) with (plant\$1 facilit\$3)) same camera \$1) and (fault\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:56 |
| S47 | 188 | ((electric\$3 power energy) with (plant\$1 facilit\$3)) same camera \$1) and (fault\$1 explos \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:56 |
| S48 | 16 | ((electric\$3 power energy) with (plant\$1 facilit\$3)) same camera \$1) and (fault\$1 explos \$3) and arc | US-PGPUB; USPAT; USOCR | OR | ON | 2009/10/29 17:57 |
| S49 | 1 | "20070108990" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 09:41 |
| S50 | 3354 | arc with fault\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:07 |
| S51 | 155 | (arc with fault\$1) and (camera imag\$3 video) and ((energy power) with (system\$1 plant\$1)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:07 |
| S52 | 13265 | (imag\$3 with process\$3) same ((power energy) with system\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:23 |
| S53 | 726 | (imag\$3 with process\$3) same ((power energy) with system\$1) same (fault\$1 fail\$3 error\$1 arc) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:23 |

| | | | | | | |
|-----|------|--|--|----|-----|---------------------|
| S54 | 91 | (imag\$3 with process\$3) same ((power energy) with system\$1) same (fault\$1 fail\$3 error\$1 arc) same (camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:28 |
| S55 | 1 | (11/103512).APP. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/02 10:34 |
| S56 | 3 | "11103512" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 10:34 |
| S57 | 4 | (arc with discharg\$3) and ((camera\$1 with imag\$3) with process\$3) and (triangulat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:37 |
| S58 | 0 | (power near system\$1) same (arc with monitor \$3) same (camera\$1 imag \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:43 |
| S59 | 0 | (power near system\$1) same (arc with monitor \$3) same (camera\$1 with imag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:43 |
| S60 | 7 | (power near system\$1) and (arc with monitor\$3) and (camera\$1 with imag \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:43 |
| S61 | 106 | (power with system\$1) and (arc with monitor\$3) and (cameras) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:45 |
| S62 | 43 | (power with system\$1) and (arc with monitor\$3) and (cameras) and (imag \$3 with process\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 10:46 |
| S63 | 21 | ((power energy) with system\$1) same (arc with detect\$3)) and (imag\$3 with analys\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 11:31 |
| S64 | 1 | ("4,907,281").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 11:36 |
| S66 | 3624 | (382/100).CCLS. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/11/02 11:45 |
| S67 | 1 | S66 and S63 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 11:45 |

| | | | | | | |
|-----|------|--|--|----|----|---------------------|
| S68 | 20 | ("4396903" "4555800" "4561104").PN. OR ("4907281").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 11:45 |
| S69 | 3128 | (imag\$3 with cameras) and ((fire\$1 arc\$1) with detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:00 |
| S70 | 302 | (imag\$3 with analys\$3) and ((multipl\$3 plural\$3) with cameras) and ((fire\$1 arc\$1) with detect\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:00 |
| S71 | 7 | "3293909" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 12:02 |
| S72 | 56 | (hirasawa with masanori) (otsuka with takeshi) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:08 |
| S73 | 7 | S72 and discharg\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:09 |
| S74 | 2 | "08122399" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 12:11 |
| S75 | 0 | "408122399" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 12:11 |
| S76 | 0 | (hirasawa with masanori) and (otsuka with takeshi) and arc\$1 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:12 |
| S77 | 0 | (hirasawa with masanori) and (otsuka with takeshi) and (fire\$!) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:12 |
| S78 | 0 | (hirasawa with masanori) and (otsuka with takeshi) and (camera\$1 imag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:13 |
| S79 | 17 | ((hirasawa with masanori) (otsuka with takeshi)) and (camera\$1 imag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 12:13 |
| S80 | 3 | "11103512" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 12:15 |

| | | | | | | |
|------|------|--|--|----|-----|---------------------|
| S81 | 0 | 08-122399 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 12:53 |
| S82 | 0 | ("8-122399").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/11/02 12:53 |
| S83 | 0 | ("8-122399").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/11/02 12:53 |
| S85 | 2 | "08122399" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/02 12:53 |
| S86 | 2 | ((arc with detect\$3) same substation\$1) and (cameras) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:11 |
| S87 | 1 | ((arc with detect\$3) with substation\$1) and (cameras) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:14 |
| S88 | 4 | (arc with substation\$1) and (cameras) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:14 |
| S89 | 1535 | (arc with discharg\$3) and (cameras) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:16 |
| S90 | 783 | (arc with discharg\$3) and (cameras with imag \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:16 |
| S91 | 460 | (arc with discharg\$3) and (cameras with imag \$3) and (imag\$3 with process\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:21 |
| S99 | 79 | (arc with discharg\$3) same (camera\$1 and imag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 13:28 |
| S100 | 35 | (arc with discharg\$3 with imag\$3) same (imag\$3 with (process\$3 calibrat \$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:07 |
| S101 | 3 | (multiple with arc\$3 with monitor\$3 with camera \$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:09 |
| S102 | 3 | (multiple with camera\$1) same (arc with monitor \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:10 |

| | | | | | | |
|------|-------|---|-----------------------------------|----|-----|---------------------|
| S103 | 6 | ((multiple plural\$3) with camera\$1) same (arc with discharg\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:10 |
| S104 | 159 | ((multiple plural\$3) with camera\$1) and (arc with discharg\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:10 |
| S105 | 98 | ((multiple plural\$3) with camera\$1) and (arc with discharg\$3) and (imag\$3 with (analy\$3 process\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:11 |
| S106 | 75811 | ((power energy) with (plant\$1 system\$1)) and cameras | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:19 |
| S107 | 45 | ((power energy) with (plant\$1 system\$1)) and cameras and (arc with fault\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:19 |
| S108 | 42 | ((power energy) with (plant\$1 system\$1)) and cameras and (arc with fault\$1) and imag\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:19 |
| S109 | 3 | ("20030074148").PN. OR ("7307820").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 15:22 |
| S110 | 37 | ("5153722").URPN. | USPAT | OR | ON | 2009/11/02 15:26 |
| S111 | 1 | ("4112463").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/11/02 15:27 |
| S112 | 16 | ("4112463").URPN. | USPAT | OR | ON | 2009/11/02 15:29 |
| S113 | 5862 | infrared same NIR | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 16:57 |
| S114 | 297 | infrared same NIR with cameras | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 16:57 |
| S115 | 79 | infrared and NIR adj cameras | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 16:57 |
| S116 | 15 | (fire\$1 with detect\$3) same (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:46 |
| S117 | 8 | (arc near discharg\$3) and (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:48 |
| S118 | 43608 | ((fusion explos\$3 fire) with detect\$3) (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:49 |

| | | | | | | |
|------|------|--|-----------------------------|----|-----|------------------|
| S119 | 20 | ((fusion explos\$3 fire) with detect\$3) same (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:49 |
| S120 | 0 | (arc with discharg\$3) and (power with (plant\$1 system\$1)) same (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:50 |
| S121 | 0 | (arc with discharg\$3) and (power with (plant\$1 system\$1)) and (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:51 |
| S122 | 522 | (power with (plant\$1 system\$1)) and (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:51 |
| S123 | 40 | (power with (plant\$1 system\$1)) same (((("near" with infrared) (nir)) with camera\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:51 |
| S124 | 9 | (power with (plant\$1 system\$1)) same (((("near" with infrared) (nir)) with camera\$1) and (explos\$3 fire) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 17:51 |
| S125 | 2494 | (702/121-123,59-62). CCLS. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/11/02 18:57 |
| S126 | 0 | S124 and S125 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 18:57 |
| S127 | 3 | S125 and S51 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/02 18:58 |
| S128 | 23 | (arc adj fault) same gravity | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:47 |
| S129 | 13 | ((arc adj fault) same gravity) and fram\$3 and imag\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:47 |
| S130 | 0 | ("7492163").URPN. | USPAT | OR | ON | 2009/11/03 09:48 |

| | | | | | | |
|------|-----|---|---------------------------|----|----|---------------------|
| S131 | 17 | ("20030074148" "20050286185" "20060227469" "5729145" "5835321" "5839092" "6031699" "6259996" "6362628" "6417671" "6459273" "6504692" "6556397" "6567250" "6590754" "6744260" "6943558"). PN. OR ("7492163"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:48 |
| S132 | 658 | triangulat\$3 and (center \$3 with gravity) and imag \$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:50 |
| S133 | 375 | triangulat\$3 and (center \$3 with gravity) and (pixel \$1 and imag\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:50 |
| S134 | 101 | triangulat\$3 and (center \$3 with gravity) and ((pixel \$1 and imag\$3) with co \$1rdinat\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:51 |
| S135 | 1 | triangulat\$3 and (center \$3 with gravity) and ((pixel \$1 and imag\$3) with co \$1rdinat\$3) and (arc with discharg\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:51 |
| S136 | 1 | triangulat\$3 and (center \$3 with gravity) and ((pixel \$1 and imag\$3) with co \$1rdinat\$3) and (arc with fault\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:51 |
| S137 | 18 | triangulat\$3 and (center \$3 with gravity) and ((pixel \$1 and imag\$3) with co \$1rdinat\$3) and (arc) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 09:51 |
| S138 | 43 | triangulat\$3 and (center \$3 with gravity) and ((pixel \$1 and imag\$3) with co \$1rdinat\$3) and (arc fire \$1 flame\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:09 |
| S139 | 24 | triangulat\$3 and (center \$3 with gravity) and ((pixel \$1 and imag\$3) with co \$1rdinat\$3) and (fire\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:12 |
| S140 | 1 | (substation\$1 with ((arc with fault\$1) fire)) and (center with (gravity with (imag\$3 frame\$1))) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:13 |

| | | | | | | |
|------|-----|--|---------------------------|----|----|---------------------|
| S141 | 2 | ((substation\$1 with ((arc with fault\$1) fire)) and (center with gravity) and (imag\$3 frame\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:13 |
| S142 | 226 | ((imag\$3 frame\$1) with gravity) same brightness | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:14 |
| S143 | 57 | ((imag\$3 frame\$1) with gravity) same brightness) and ((substation with power) ((power energy) with (plant\$1 system\$1))) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:15 |
| S144 | 1 | ((imag\$3 frame\$1) with gravity) same brightness) and ((substation with power) ((power energy) with (plant\$1 system\$1))) and (arc with fault\$1) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:16 |
| S145 | 1 | ((imag\$3 frame\$1) with gravity) same brightness) and ((substation with power) ((power energy) with (plant\$1 system\$1))) and (arc with (discharg\$3 fault\$1)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:16 |
| S146 | 1 | ((imag\$3 frame\$1) with gravity) same brightness) and (arc with (discharg\$3 fault\$1)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:16 |
| S147 | 19 | ((imag\$3 frame\$1) with gravity) same brightness) and (fire combust\$3 fusion) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:16 |
| S148 | 21 | ((imag\$3 frame\$1) with gravity) same brightness) and (fire flame combust\$3 fusion) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:16 |
| S149 | 1 | ((imag\$3 frame\$1) with gravity) same brightness) and (arc with monitor\$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:17 |
| S150 | 17 | ("20030074148" "20050286185" "20060227469" "5729145" "5835321" "5839092" "6031699" "6259996" "6362628" "6417671" "6459273" "6504692" "6556397" "6567250" "6590754" "6744260" "6943558"). PN. OR ("7492163"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:17 |

| | | | | | | |
|------|----|-------------------------------|-----------------------------------|----|-----|---------------------|
| S151 | 0 | S149 and S150 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 11:18 |
| S152 | 1 | ("5153722").PN. | US-PGPUB; USPAT; USOCR; EPO | OR | OFF | 2009/11/03 12:14 |
| S153 | 1 | S152 and (energy heat \$3) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/03 12:14 |
| S154 | 37 | ("5153722").URPN. | USPAT | OR | ON | 2009/11/03 12:16 |

11/3/2009 1:21:14 PM

C:\Documents and Settings\phuynh1\My Documents\EAST\Workspaces\10573074.wsp